

AMENDMENTS TO THE CLAIMS

Claims 1-33 (Canceled)

Claim 34 (Previously Presented) A versatile wrist support comprising:

a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure comprising a hinged web portion that is adapted to extend across the web of a hand wherein an axis of rotation of said hinge is not co-planar with said molded plastic exostructure; and

a padded, flexible member extending about at least a portion of said web portion to provide cushioning for the web of the hand, wherein said web portion includes fabric onto which plastic has been molded.

Claim 35 (Original) A versatile wrist support as defined in claim 34, wherein said molded plastic exostructure includes a molded recessed area for receiving said padded member.

Claim 36 (Previously Presented) A versatile wrist support comprising:

a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure comprising a hinged web portion that is adapted to extend across the web of a hand wherein an axis of rotation of said hinge is not co-planar with said molded plastic exostructure; and

a padded, flexible member extending about at least a portion of said web portion to provide cushioning for the web of the hand, wherein said exo-structure comprises plastics of different densities.

Claim 37 (Original) A versatile wrist support as defined in claim 34, wherein the thickness of said exostructure is non-uniform to provide different levels of support at different points on the support.

Claim 38 (Original) A versatile wrist support as defined in claim 34, wherein said molded plastic exostructure comprises first and second separate pieces.

Claim 39 (Original) A versatile wrist support as defined in claim 38, wherein said first and second separate pieces are attached to one another by a method selected from the group constituting ultrasonic welding, snaps, hook-and-loop material, rivets or an adhesive.

Claim 40 (Original) A versatile wrist support as defined in claim 34, wherein the wrist support has a palm portion, with an overmold on at least part of the palm portion.

Claim 41 (Canceled)

Claim 42 (Original) A versatile wrist support as defined in claim 34, wherein said padded flexible member is attached to said exostructure by a method selected from the group constituting ultrasonic welding, a snap, hook-and-loop material, a hook, a rivet, and an adhesive.

Claim 43 (Currently Amended) A versatile wrist support comprising:

a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure comprising a hinged web portion that is adapted to extend across the web of a hand wherein an axis of rotation of said hinge is not co-planar with said molded plastic exostructure; and

a padded, flexible member extending about at least a portion of said web portion to provide cushioning for the web of the hand, wherein ~~[[the]]~~ an inner fabric support is attached to the molded exostructure by directly molding the exostructure onto the inner fabric support in a single molding operation without use of an adhesive or a fastener.

Claim 44 (Original) A versatile wrist support as defined in claim 34, wherein the support has a carpal tunnel pressure relief opening.

Claim 45 (Original) A versatile wrist support as defined in claim 35, wherein the support has a thumb aperture and comprises an overmold about the thumb aperture.

Claims 46-59 (Canceled)

Claim 60 (Previously Presented) A wrist support comprising:

a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure comprising an ergonomically contoured web portion that is hinged and adapted to extend across the web of a hand, said contoured web portion partially defining a thumb opening wherein an axis of rotation of said hinge is not co-planar with said molded plastic exostructure.

Claim 61 (Original) A wrist support comprising as defined in claim 60 further comprising a padded, flexible member extending about at least a portion of said web portion to provide cushioning for the web of the hand.

Claim 62 (Original) A wrist support as defined in claim 60, wherein said molded plastic exostructure includes a molded recessed area for receiving said padded member.

Claim 63 (Original) A versatile wrist support as defined in claim 60, wherein said exostructure comprises plastics of different densities.

Claim 64 (Original) A versatile wrist support as defined in claim 60, wherein the thickness of said exostructure is non-uniform to provide different levels of support at different points on the support.

Claim 65 (Original) A versatile wrist support as defined in claim 60, wherein said molded plastic exostructure comprises first and second separate pieces.

Claim 66 (Original) A versatile wrist support as defined in claim 60, wherein said first and second separate pieces are attached to one another by a method selected

from the group constituting ultrasonic welding, snaps, hook-and-loop material, rivets or an adhesive.

Claim 67 (Canceled)

Claim 68 (Original) A wrist support as defined in claim 60 wherein said support is a volar splint.

Claim 69 (Original) A wrist support as defined in claim 60 wherein said support is a dorsal splint.

Claims 70-83 (Canceled)

Claim 84 (Previously Presented) A versatile wrist support comprising:  
a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure comprising a hinged web portion that is adapted to extend across the web of a hand, wherein an axis of rotation of said hinge is not co-planar with said molded plastic exostructure; and

said web portion comprising a flexible fabric that has been molded/secured into place on the exostructure.

Claims 85-90 (Canceled)

Claim 91 (Previously Presented) A wrist support comprising:

a molded plastic exostructure supplying support for resisting motion of said wrist;

said molded plastic exostructure having edges which contact the skin of a user's hand during digital motion;

a soft and flexible web portion attached by a hinge to said molded plastic exostructure wherein an axis of said hinge is not co-planar with the molded plastic exostructure; and

a softer plastic molded over said edges to increase comfort.

Claim 92 (Previously Presented) A versatile wrist support as defined in claim 34 further comprising a thumb spica for mounting to said wrist support for providing additional support for the thumb.

Claim 93 (Previously Presented) A versatile wrist support as defined in claim 34 further comprising a stay for mounting on said exostructure to provide additional support.

Claim 94 (Previously Presented) A versatile wrist support as defined in claim 34 further comprising straps for holding the support onto the user.

Claim 95 (Previously Presented) A versatile wrist support as defined in claim 34 wherein said exostructure is of non-uniform thickness.

Claims 96-99 (Canceled)